Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled).

2. (Currently Amended) The rotary electric machine as claimed in claim ~~6~~15, wherein each of said ~~plurality of~~ three-phase windings is mounted in said stator core so that the phase of current flowing in one phase winding is $\pi/6$ radian in electric angle different from the phase of current flowing in another phase-winding mounted adjacent thereto.

3. (Currently Amended) The rotary electric machine as claimed in claim ~~6~~15, wherein each of said ~~plurality of~~ three-phase windings has approximately the same number of turns.

4. (Currently Amended) The rotary electric machine as claimed in claim ~~6~~15, wherein said armature winding comprises a plurality of electric conductors welded together to form respective phase-windings.

5. (Original) The rotary electric machine as claimed in claim 4, wherein each of said electric conductor has a rectangular cross-section.

6. (Currently Amended) ~~A rotary electric machine including a stator core, an armature winding mounted in said stator core,~~The rotary electric machine as claimed in claim 15, wherein

~~wherein:~~

~~said armature winding comprises a plurality of three-phase windings, one of which is a Δ-connection winding having output ends that are connected in series with respective phase-winding of another three-phase winding; and~~

said ~~output ends of said Δ-connection winding~~ junctions of said first group are distributed at ~~an~~ the axial end surface of said stator core in an angular range that is more than 180 degrees in mechanical angle.

7. (Currently Amended) The rotary electric machine as claimed in claim 6, further comprising lead wires that form said output ends of said ~~plurality of three-phase windings~~second group, wherein

said lead wires are extended ~~in radial directions~~ so that they do not overlap one another.

8. (Currently Amended) The rotary electric machine as claimed in claim ~~6~~15, further comprising a rectifier unit for rectifying voltages induced in said armature winding, wherein said ~~another three-phase winding has other output ends that~~output ends of said second group are connected to said rectifier unit.

9. (Currently Amended) A rotary electric machine, comprising:

a stator including a stator core and a three-phase armature winding mounted in the stator core;

a rotor having a plurality of magnetic poles; and

a rectifier unit;

wherein~~:~~ said armature winding has a first group of Δ-connected three phase-windings having junctions that are $2\pi/3$ in electric angle different from each other and a second group of three phase-winding having output ends that are $2\pi/3$ in electric angle different from each other and input ends respectively connected in series to said junctions of said first group, and

~~said armature winding comprises three first phase-windings that form a Δ-connection winding having output ends and three second phase-windings that are respectively~~

~~connected in series to said output ends to form a star-connection three-phase winding having output ends connected to said rectifier unit; and~~

said ~~output ends~~ junctions of said Δ-connection winding are distributed at an end surface of said stator core in an angular range that is more than 180 degrees in mechanical angle.

10. (Currently Amended) The rotary electric machine as claimed in claim 9, wherein

said first and second groups of phase-windings are mounted in said stator core so that the phase of current flowing in said first group of phase-windings is π/6 radian in electric angle different from the phase of current flowing in said second group of phase windings.

11. (Currently Amended) The rotary electric machine as claimed in claim 9, wherein

each of said first and second groups of phase-windings has the same number of turns.

12. (Currently Amended) The rotary electric machine as claimed in claim 9, wherein each of said first and second groups of phase-windings comprises a plurality of U-shaped conductor segments.

13. (Original) The rotary electric machine as claimed in claim 12, wherein each of said U-shaped conductor segments has a rectangular cross-section.

14. (Currently Amended) The rotary electric machine as claimed in claim 6, ~~further comprising~~wherein said first group comprises a plurality of lead wires extending in an arc ~~from said Δ-connection winding~~ along an axial end surface of said stator core at radially ~~inner~~ inside portion thereof to ~~connect~~ form said ~~output ends~~junctions.

15. (New) A rotary electric machine including a cylindrical stator core having an axial end surface, an armature winding mounted in said stator core, said armature winding having a first group of Δ-connected three phase-windings having junctions that are $2\pi/3$ in electric angle different from each other and a second group of three phase-windings having output ends that are $2\pi/3$ in electric angle different from each other and input ends respectively connected in series to said junctions of said first group,

wherein each junction of said first group and one of said input ends of said second group connected thereto is disposed on the axial end surface to be widely spaced apart from another junction.

16. (New) A rotary electric machine including a cylindrical stator core having an axial end surface, an armature winding mounted in said stator core, said armature winding having a first group of Δ-connected three phase-windings having junctions that are different in electric angle from each other and a second group of three phase-windings having output ends that are different in electric angle from each other and input ends respectively connected in series to said junctions of said first group,

wherein each junction of said first group and one of said input ends of said second group connected thereto is disposed on the axial end surface to be widely spaced apart from another junction.

17. (New) The rotary electric machine as claimed in claim 16, wherein each of said three-phase windings is mounted in said stator core so that the phase of current flowing in one phase winding is $\pi/6$ radian in electric angle different from the phase of current flowing in another phase-winding mounted adjacent thereto.

18. (New) The rotary electric machine as claimed in claim 17, wherein each of said phase-windings has approximately the same number of turns.

19. (New) The rotary electric machine as claimed in claim 16, wherein said armature winding comprises a plurality of electric conductors welded gogether to form respective phase-windings.

20. (New) The rotary electric machine as claimed in claim 16, wherein said junctions of said first group are distributed at the axial end surface of said stator core in an angular range that is more than 180 degrees.

21. (New) The rotary electric machine as claimed in claim 20, further comprising lead wires that form said output ends of said second group, wherein said lead wires are extended so that they do not overlap one another.

22. (New) The rotary electric machine as claimed in claim 16, further comprising a rectifier unit for rectifying voltages induced in said armature winding, wherein said output ends of said second group are connected to said rectifier unit.